

For All Territory Served By  
Cooperative's Transmission System  
P.S.C. KY. No. 24

First Revised SHEET NO. 3

**Big Rivers Electric Corporation**  
(Name of Utility)

CANCELLING P.S.C. KY. No. 24

Original SHEET NO. 3

**RATES, TERMS AND CONDITIONS – SECTION 1**

**STANDARD RATE – RDS – Rural Delivery Service  
Billing Form**

BIG RIVERS ELECTRIC CORP.		INVOICE P. O. BOX 24 MONTH ENDING mm/dd/yy		HENDERSON, KY 42419-0024			
TO: Member's Name	mm/dd/yyyy	ACCOUNT	THRU	mm/dd/yyyy	BILLED PEAK	mm/dd	Time
SERVICE FROM:							
SUBSTATION	BILLED KW	KWH	L.F. COIN.	PREVIOUS READING	PRESENT READING	DIFF.	KW / KWH MULT.
Name	0,000	0,000,000	00.00	000000.000	000000.000	00000.000	1000
Name	0,000	0,000,000	00.00	000000.000	000000.000	00000.000	1000
TOTAL	0,000	0,000,000					
ACTUAL DEMAND			KW TIMES	\$0.00	EQUALS		\$00.00
ADJUSTMENT			KW TIMES	\$0.00	EQUALS		\$00.00
ENERGY			KWh TIMES	\$0.00	EQUALS		\$00.00
FUEL ADJUSTMENT CLAUSE			KWh TIMES	\$0.00	EQUALS		\$00.00
NSNFP			KWh TIMES	\$0.00	EQUALS		\$00.00
ENVIRONMENTAL SURCHARGE	\$00.00		TIMES	0.00%	EQUALS		\$00.00
POWER FACTOR PENALTY			KW TIMES	\$0.00	EQUALS		\$00.00
UNWIND SURCREDIT			KWh TIMES	\$0.00	EQUALS		\$00.00
MEMBER RATE STABILITY MECHANISM			AMOUNT				\$00.00
REBATE ADJUSTMENT			AMOUNT				\$00.00
RURAL ECONOMIC RESERVE			AMOUNT				\$00.00
CSR			AMOUNT				\$00.00
RRES			KWh TIMES	\$0.00	EQUALS		\$00.00
ADJUSTMENT			KWh TIMES	\$0.00	EQUALS		\$00.00
TOTAL AMOUNT DUE							\$00.00

LOAD FACTOR	POWER FACTOR
COIN. 00.00%	BILLED 00.00%
BASE 00.00%	AVERAGE 00.00%
@ PEAK 00.00%	MILLS PER KWH 00.00

DUE IN IMMEDIATELY AVAILABLE FUNDS ON OR BEFORE THE FIRST WORKING DAY AFTER THE 24<sup>TH</sup> OF THE MONTH

DATE OF ISSUE October 4, 2012

DATE EFFECTIVE October 1, 2012

ISSUED BY

Mark A. Bailey, President and Chief Exec

Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420

Issued by Authority of an Order of the Public Service Commission in Case No. 2012-00063 dated October 4, 2012

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

**KENTUCKY  
PUBLIC SERVICE COMMISSION**

**JEFF R. DEROUEN  
EXECUTIVE DIRECTOR**

**TARIFF BRANCH**

**EFFECTIVE**

**10/1/2012**

For All Territory Served By  
Cooperative's Transmission System  
P.S.C. KY. No. \_\_\_\_\_

24

First Revised

SHEET NO.

8

**Big Rivers Electric Corporation**  
(Name of Utility)

CANCELLING P.S.C. KY. No.

24

Original

SHEET NO.

8

**RATES, TERMS AND CONDITIONS – SECTION 1**

**STANDARD RATE – LIC – Large Industrial Customer  
Billing Form**

BIG RIVERS ELECTRIC CORP.		INVOICE P. O. BOX 24 MONTH ENDING mm/dd/yy		HENDERSON, KY 42419-0024		
TO:	Member's Name	ACCOUNT				
SUBSTATION	Substation Name	SERVICE FROM		mm/dd/yy	THRU	mm/dd/yy
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND
		00:00 A (or P)	Mm/dd		1000	00,000
	POWER FACTOR	BASE	PEAK	AVERAGE	BILLED	
		00.00%	00.00%	00.00%	PEAK	
ENERGY		PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED
		00000.000	00000.000	0000.000	1000	00,000,000
ACTUAL DEMAND		0,000	KW TIMES	\$00.0000000	EQUALS	\$ 00,000.00
ADJUSTMENT		0,000	KW TIMES	\$00.0000000	EQUALS	\$ 00,000.00
				SUB-TOTAL		\$ 00,000.00
ENERGY		0,000,000	KWh TIMES	\$0.0000000	EQUALS	\$ 00,000.00
FUEL ADJUSTMENT CLAUSE		0,000,000	KWh TIMES	\$0.0000000	EQUALS	\$ 00,000.00
NSNFP		0,000,000	KWh TIMES	\$0.0000000	EQUALS	\$ 00,000.00
				SUB-TOTAL		\$ 00,000.00
ENVIRONMENTAL SURCHARGE		\$0,000.00	TIMES	00%	EQUALS	\$ 00,000.00
POWER FACTOR PENALTY		0,000	KW TIMES	\$00.0000000	EQUALS	\$ 00,000.00
UNWIND SURCREDIT		0,000,000	KWh TIMES	\$0.0000000	EQUALS	\$ 00,000.00-
MEMBER RATE STABILITY MECHANISM		0,000,000	AMOUNT			0,000.00-
CSR		0,000,000	AMOUNT			\$ 00,000.00
RRES		0,000,000	KWh TIMES	\$0.0000000	EQUALS	\$ 00,000.00
REBATE ADJUSTMENT		0,000,000	AMOUNT			\$ 00,000.00
ADJUSTMENT		0,000,000	KWh TIMES	\$0.0000000	EQUALS	\$ 00,000.00
				SUB-TOTAL		\$ 00,000.00
				TOTAL AMOUNT DUE		\$ 00,000.00
LOAD FACTOR		POWER FACTOR				
ACTUAL	BILLED	BASE	AVERAGE	@ PEAK	MILLS PER KWH	
00.00%	00.00%	00.00%	00.00%	00.00%	00.00	

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*Mark A. Bailey*

ISSUED BY

Mark A. Bailey, President and Chief Executive Officer

Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420

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PURSUANT TO KY KAR 3.011 SECTION 9 (1)

**KENTUCKY  
PUBLIC SERVICE COMMISSION**

**JEFF R. DEROUEN  
EXECUTIVE DIRECTOR**

TARIFF BRANCH

*Brent Kirtley*

EFFECTIVE

10/1/2012

For All Territory Served By  
Cooperative's Transmission System  
P.S.C. KY. No. \_\_\_\_\_ 24

First Revised SHEET NO. 33

**Big Rivers Electric Corporation**  
(Name of Utility)

CANCELLING P.S.C. KY. No. 24

Original SHEET NO. 33

**RATES, TERMS AND CONDITIONS – SECTION 1**

**STANDARD RATE – LICX – Large Industrial Customer Expansion  
Billing Form**

BIG RIVERS ELECTRIC CORP.		INVOICE P. O. BOX 24 MONTH ENDING mm/dd/yy		HENDERSON, KY 42419-0024			
TO: LARGE INDUSTRIAL CUSTOMER EXPANSION DELIVERY POINTS		ACCOUNT SERVICE FROM mm/dd/yy		THRU mm/dd/yy			
USAGE	DEMAND	TIME	DAY	METER	MULT	KW DEMAND	
		00:00 A (or P)	mm/dd		1000	00,000	
POWER FACTOR	BASE	PEAK	AVERAGE	kW DEMAND BILLED			
EXPANSION DEMAND	00.00%	00.00%	00.00%	000,000			
ENERGY	PREVIOUS	PRESENT	DIFFERENCE	MULT.	KWH USED		
EXPANSION ENERGY	00000.000	00000.000	0000.000	1000	00,000,000		
<b>EXPANSION DEMAND &amp; EXPANSION ENERGY</b>							
EXPANSION DEMAND, INCLUDING LOSSES				kW	TIMES	\$	
EXPANSION ENERGY, INCLUDING LOSSES				kWh	TIMES	\$	
OTHER EXPANSION SERVICE CHARGES							
SUBTOTAL						\$	
<b>EXPANSION DEMAND TRANSMISSION</b>							
LOAD RATIO SHARE OF NETWORK LOAD						\$	
<b>EXPANSION DEMAND &amp; EXPANSION ENERGY ANCILLARY SERVICES</b>							
SCHEDULING SYSTEM CONTROL & DISPATCH SERVICE						\$	
REACTIVE SUPPLY & VOLTAGE CONTROL FROM GENERATION SOURCES SERVICE						\$	
REGULATION & FREQUENCY RESPONSIVE SERVICE						\$	
ENERGY IMBALANCE SERVICE						\$	
OPERATING RESERVE – SPINNING RESERVE SERVICE						\$	
OPERATING RESERVE – SUPPLEMENTAL RESERVE SERVICE						\$	
SUBTOTAL						\$	
<b>BIG RIVERS ADDER</b>							
EXPANSION DEMAND				kW	TIMES	\$	
FUEL ADJUSTMENT CLAUSE				0,000,000	kWh	TIMES	\$0.0000000
NSNFP				0,000,000	kWh	TIMES	\$0.0000000
SUBTOTAL						\$	
ENVIRONMENTAL SURCHARGE				\$00,000.00	TIMES	00.00%	\$
EXPANSION DEMAND/ENERGY – POWER FACTOR PENALTY				kW	TIMES	\$0.0000000	\$
UNWIND SURCREDIT				0,000,000	kWh	TIMES	\$0.0000000
MEMBER RATE STABILITY MECHANISM				0,000,000	AMOUNT		\$
CSR				0,000,000	AMOUNT		\$
RRES				0,000,000	kWh	TIMES	\$0.0000000
REBATE ADJUSTMENT				0,000,000	AMOUNT		\$
TOTAL AMOUNT DUE						\$	
----- LOAD FACTOR -----							
ACTUAL	BILLED	MILLS PER KWH					
00.00%	00.00%	00.00					

DUE IN IMMEDIATELY AVAILABLE FUNDS ON OR BEFORE THE FIRST WORKING DAY AFTER THE 24<sup>TH</sup> OF THE MONTH

**KENTUCKY  
PUBLIC SERVICE COMMISSION**

**JEFF R. DEROUEN  
EXECUTIVE DIRECTOR**

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PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

For All Territory Served By  
Cooperative's Transmission System  
P.S.C. KY. No. \_\_\_\_\_ 24

First Revised SHEET NO. 46

Big Rivers Electric Corporation  
(Name of Utility)

CANCELLING P.S.C. KY. No. 24

Original SHEET NO. 46

RATES, TERMS AND CONDITIONS – SECTION 2

**ES - Environmental Surcharge:**

[T]

**Applicability:**

To all Big Rivers' Members.

[T]

**Availability:**

The Environmental Surcharge ("ES") is mandatory to the Rural Delivery Service, Large Industrial Customer, and Large Industrial Customer Expansion Standard Rate Schedules (Standard Rates RDS, LIC, and LICX, respectively), and to the FAC and the Non-FAC PPA adjustment clauses, including service to the Smelters under the two Wholesale Electric Service Agreements each dated as of July 1, 2009, between Big Rivers and Kenergy with respect to service by Kenergy to the Smelters.

[T]

[T]

[T]

[T]

**Rate:**

The ES shall provide for monthly adjustments based on a percent of revenues equal to the difference between the environmental compliance costs in the base period and in the current period based on the following formula:

[T][N]

$$\text{CESF} = \text{Net Jurisdictional E(m)}/\text{Jurisdictional R(m)}$$

$$\text{MESF} = \text{CESF} - \text{BESF}$$

MESF = Monthly Environmental Surcharge Factor

CESF = Current Environmental Surcharge Factor

BESF = Base Environmental Surcharge Factor of \$0.00000/kWh

[T]

Where E(m) is the total of each approved environmental compliance plan revenue requirement of environmental costs for the current expense month and R(m) is the revenue for the current expense month as set forth below.

**Definitions:**

[T][N]

(1)  $E(m) = [(RB/12)(RORORB)] + OE - BAS$

Where:

- (a) RB is the Environmental Compliance Rate Base, defined as electric plant in service for applicable environmental projects adjusted for accumulated depreciation, cash working capital, spare parts inventory, and limestone inventory, and emission allowance inventory;

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Mark A. Bailey, President and Chief Executive Officer  
Big Rivers Electric Corporation, 201 Third Street, Henderson, KY 42420

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Cooperative's Transmission System  
P.S.C. KY. No. \_\_\_\_\_ 24

First Revised SHEET NO. 47

Big Rivers Electric Corporation  
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CANCELLING P.S.C. KY. No. 24

Original SHEET NO. 47

**RATES, TERMS AND CONDITIONS – SECTION 2**

**ES - Environmental Surcharge – (continued)**

**Definitions (continued):**

- (b) RORORB is the Rate of Return on the Environmental Compliance Rate Base, designated as the average cost of debt for environmental compliance plan projects approved by the Commission plus application of a Times Interest Earned Ratio of 1.24; [T]
- (c) OE represents the Monthly Pollution Control Operating Expenses, defined as the operating and maintenance expense and emission allowance expense of approved environmental compliance plans; and [T]
- (d) BAS is the net proceeds from By-Products and Emission Allowance Sales. [T]
- (2) Total E(m) is multiplied by the Jurisdictional System Allocation Ratio to arrive at Jurisdictional E(m). The Jurisdictional Allocation Ratio is the ratio of the 12-month total revenue from sales to Members to which the ES will be applied ending with the current expense month, divided by the 12-month total revenue from sales to Members and off-system sales for the current expense month. [T]
- (3) The revenue R(m) is the average monthly revenue, including base revenues and automatic adjustment clause charges or credits less Environmental Cost Recovery Surcharge revenues, for Big Rivers for the twelve months ending with the current expense month. [T]
- (4) Jurisdictional E(m) is adjusted for Over/(Under) Recovery and, if ordered by the Public Service Commission, a Prior Period Adjustment to arrive at Net Jurisdictional E(m). [T]
- (5) The current expense month (m) shall be the second month preceding the month in which the ES is billed. [T]

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*Mark A. Bailey*

Mark A. Bailey, President and Chief Executive Officer

Big Rivers Electric Corporation, 201 Third Street, Paducah, KY 40301

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**KENTUCKY  
PUBLIC SERVICE COMMISSION**

**JEFF R. DEROUEN**  
EXECUTIVE DIRECTOR  
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*Brent Kirtley*

**10/1/2012**

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)